

IN THE CLAIMS:

Please amend claims 1, 2, 4 and 12 as follows:

- 1. A method for the extraction of hydrophobic constituents from an aqueous solution, involving the steps of:*
- a. contacting said solution with a porous, dimensionally stable granular or powdery material, of which the pores have a size of from 0.1 to 50 µm and contain a hydrophobic substance with affinity for the hydrophobic constituents to be extracted, which granular or powdery material has a particle size of from 0.1 to 10 mm, and is wetted more readily by the hydrophobic substance immobilized in the pores than by the aqueous solution to be treated, and*
- b. regenerating the product of step a), essentially without the granular or powdery material being freed from the hydrophobic substance, by removal of the hydrophobic constituents.*
- 2. A method according to claim 1, wherein steam is used in step b) to remove the hydrophobic constituents.*

*3. A method according to claim 1, wherein the pore size of the porous, dimensionally stable granular or powdery material is from 0.2 to 15 µm.*

*4. A method according to claim 1, wherein the porous material was obtained by dissolving a polymer in a solvent with heating, cooling the solution, and mechanically reducing the solidified mass.*